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(54) **TASK EXECUTING METHOD AND TASK SETTING METHOD ADAPTED FOR SCREEN SAVER AND COMPUTER READABLE STORAGE MEDIUM**

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**G06F 3/14** (2006.01)

(52) **U.S. Cl.**  
CPC ..... **G06F 3/14** (2013.01); **G09G 2330/022** (2013.01)

(58) **Field of Classification Search**

USPC ..... 715/867

See application file for complete search history.

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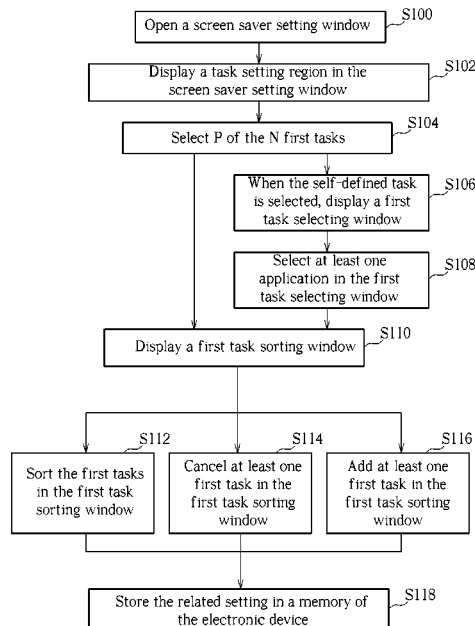
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(57) **ABSTRACT**

A task executing method adapted for a screen saver includes steps of opening a screen saver setting window; displaying a task setting region in the screen saver setting window, wherein the task setting region includes N first tasks and N is a positive integer; if P of the N first tasks are selected, automatically executing the P first tasks while a screen saver image starts, wherein P is a positive integer smaller than or equal to N.

**18 Claims, 8 Drawing Sheets**



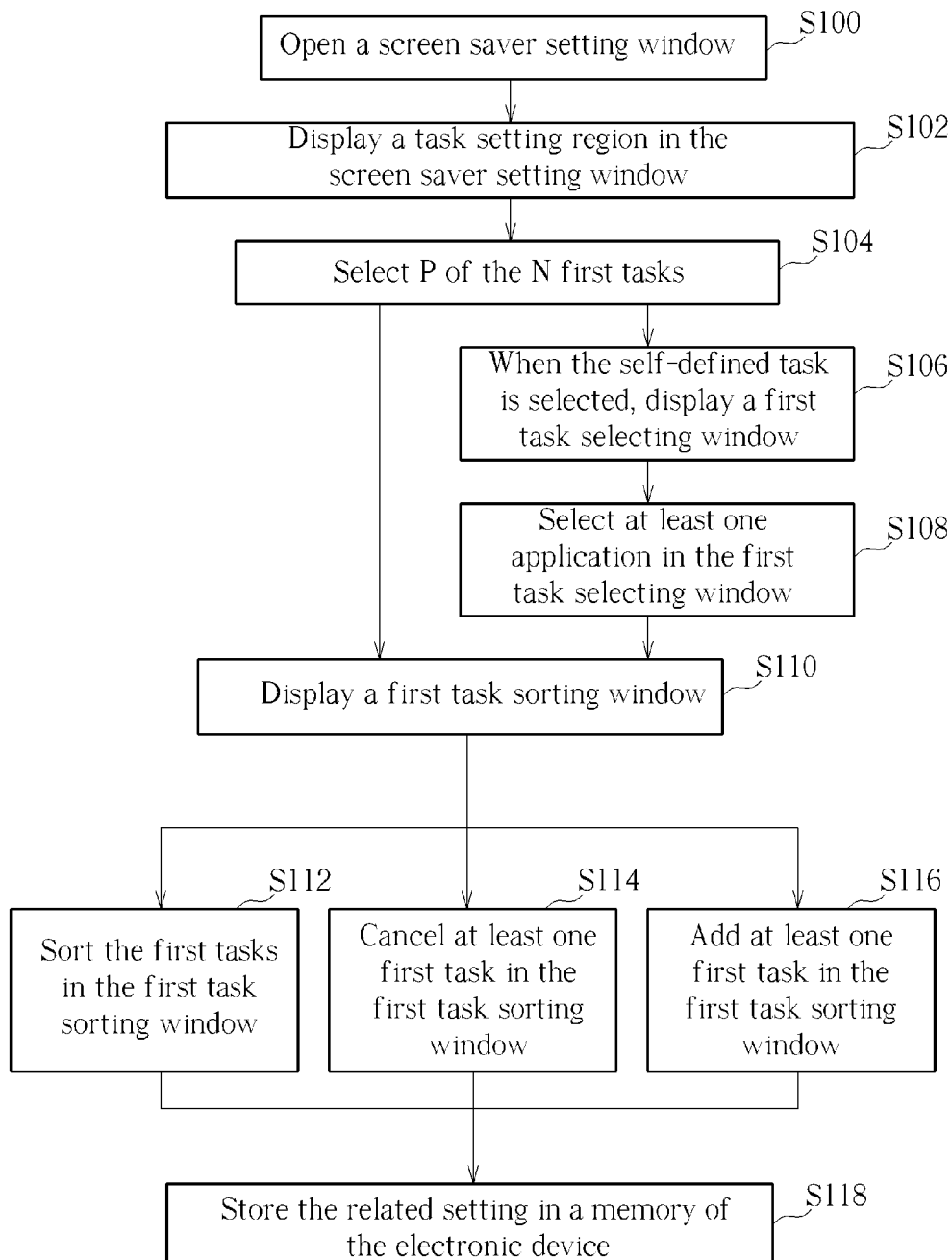


FIG. 1

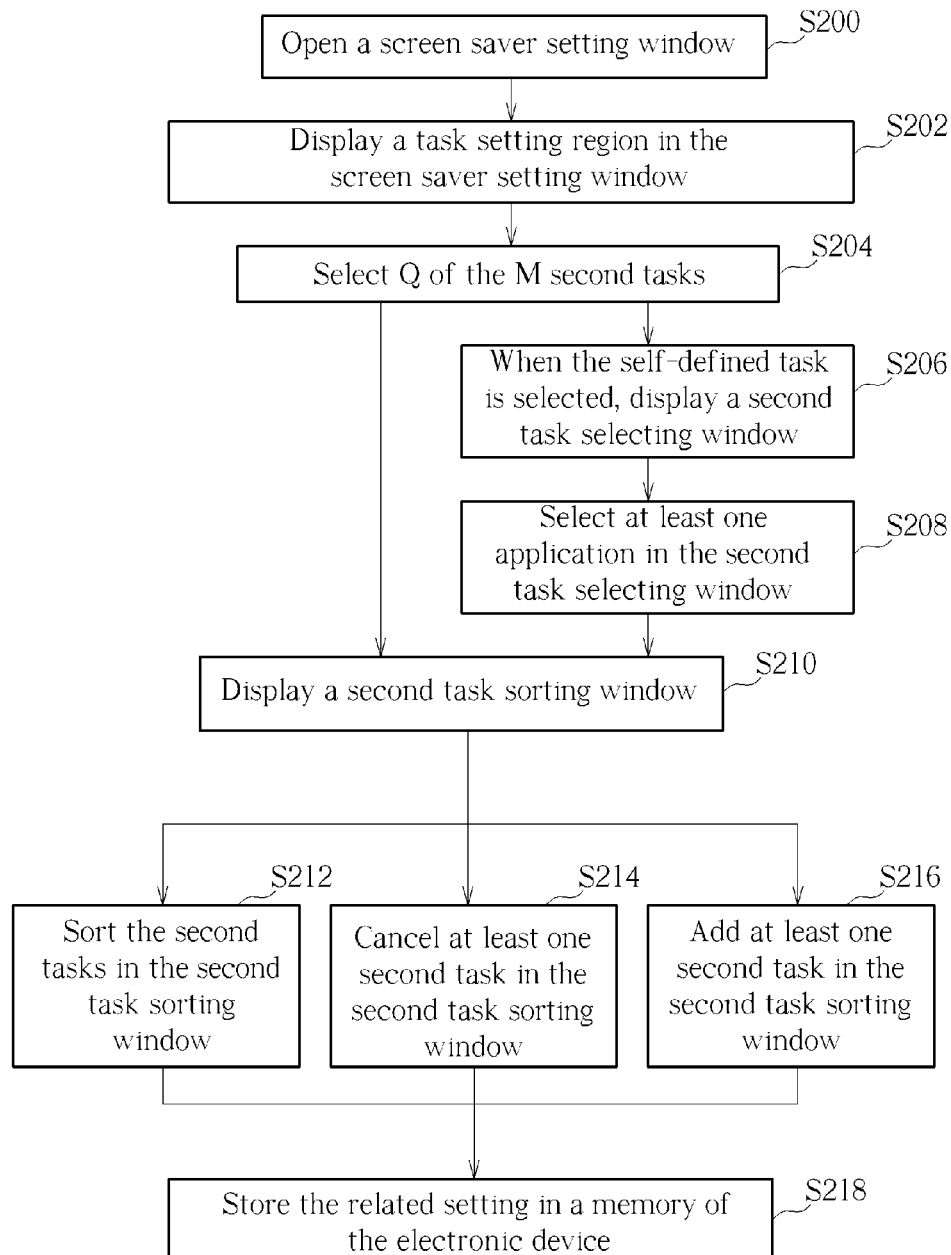


FIG. 2

Screen saver setting

Screen saver

Screen saver(S)

(None) Settings(T) Preview(V)

Wait(W) 10 Minutes ☐ Password protected(R)

Executing the following first tasks while the screen saver image starts

☒ Downloading files ☒ Synchronizing data

☐ Scanning virus ☒ Self-defined task

Executing the following second tasks while the screen saver image exits

☐ Opening web browser ☐ Opening video/Audio player

☒ Opening real-time communication software

☒ Self-defined task

Energy saving features of monitor

To adjust the power settings for your monitor, click Power

Power

OK Cancel Apply(A)

FIG. 3

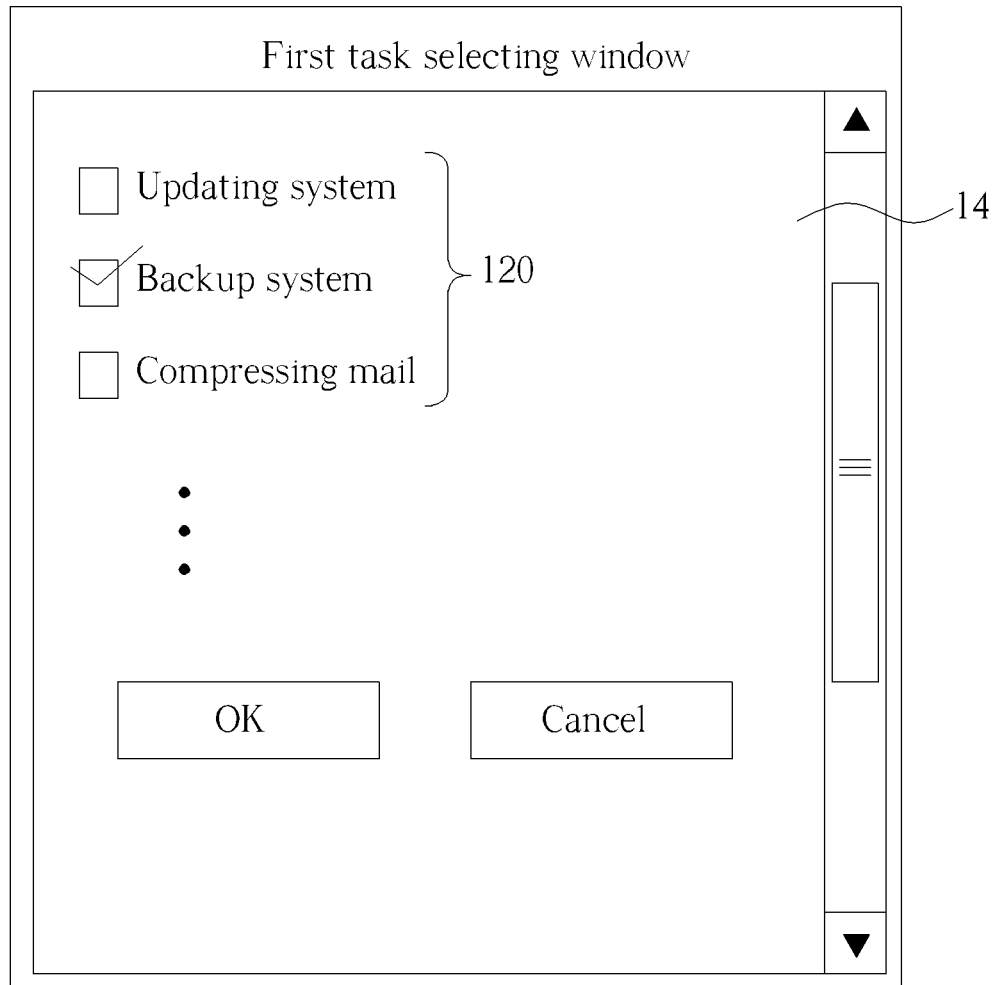


FIG. 4

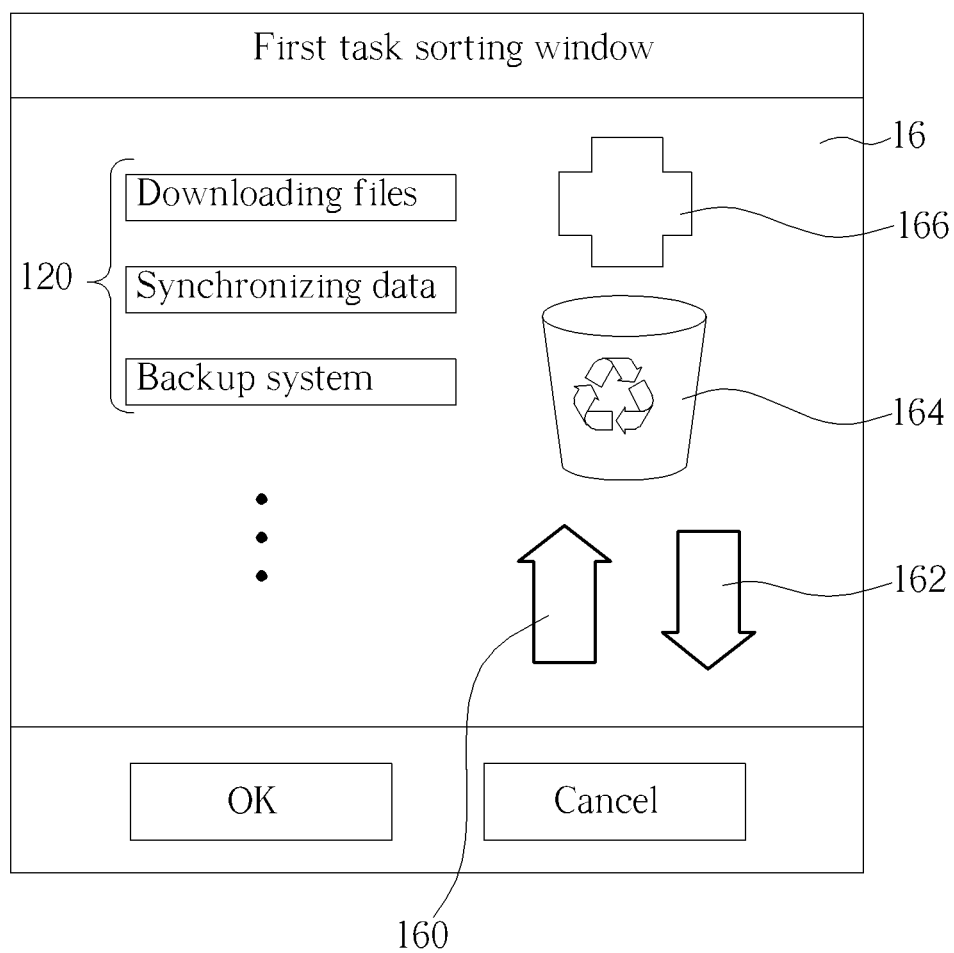


FIG. 5

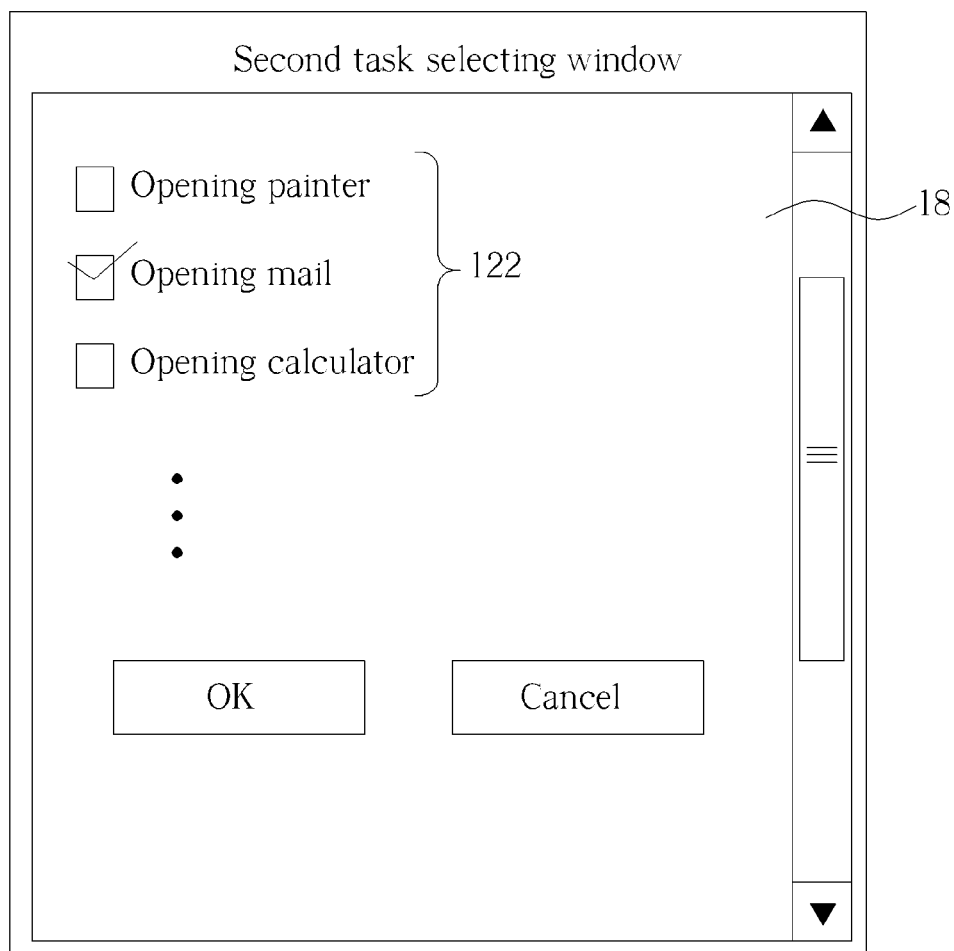


FIG. 6

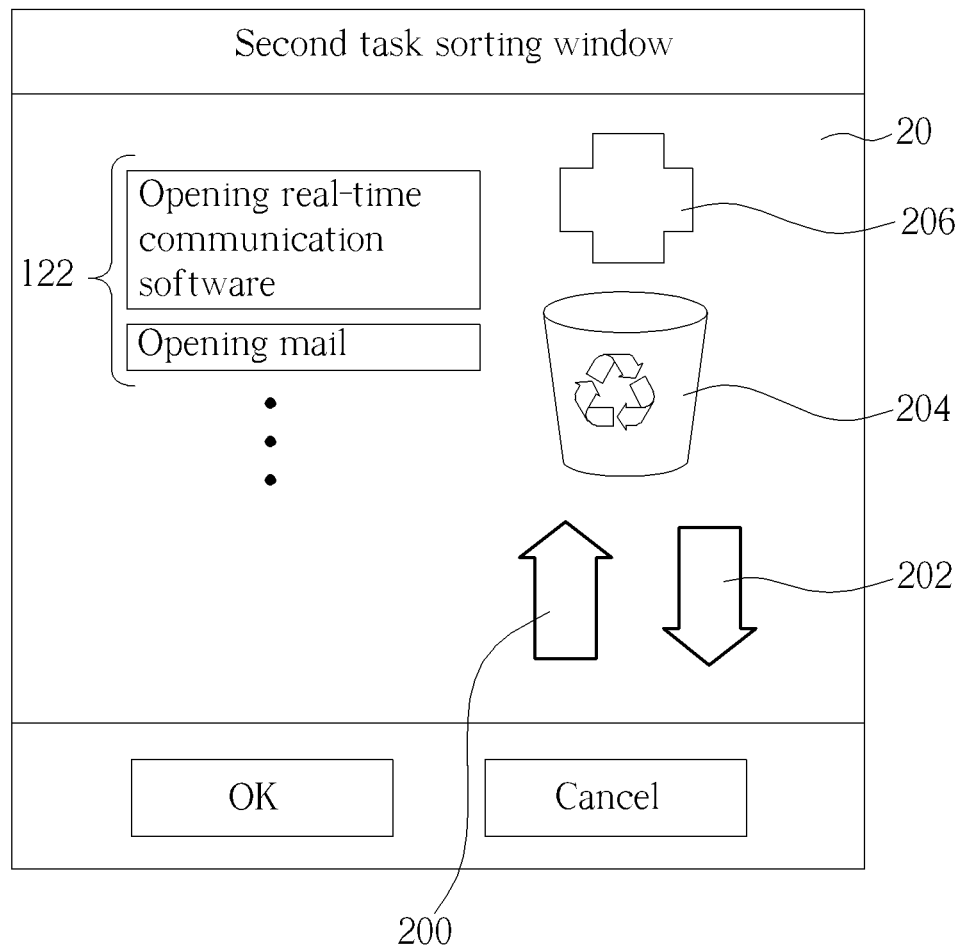


FIG. 7



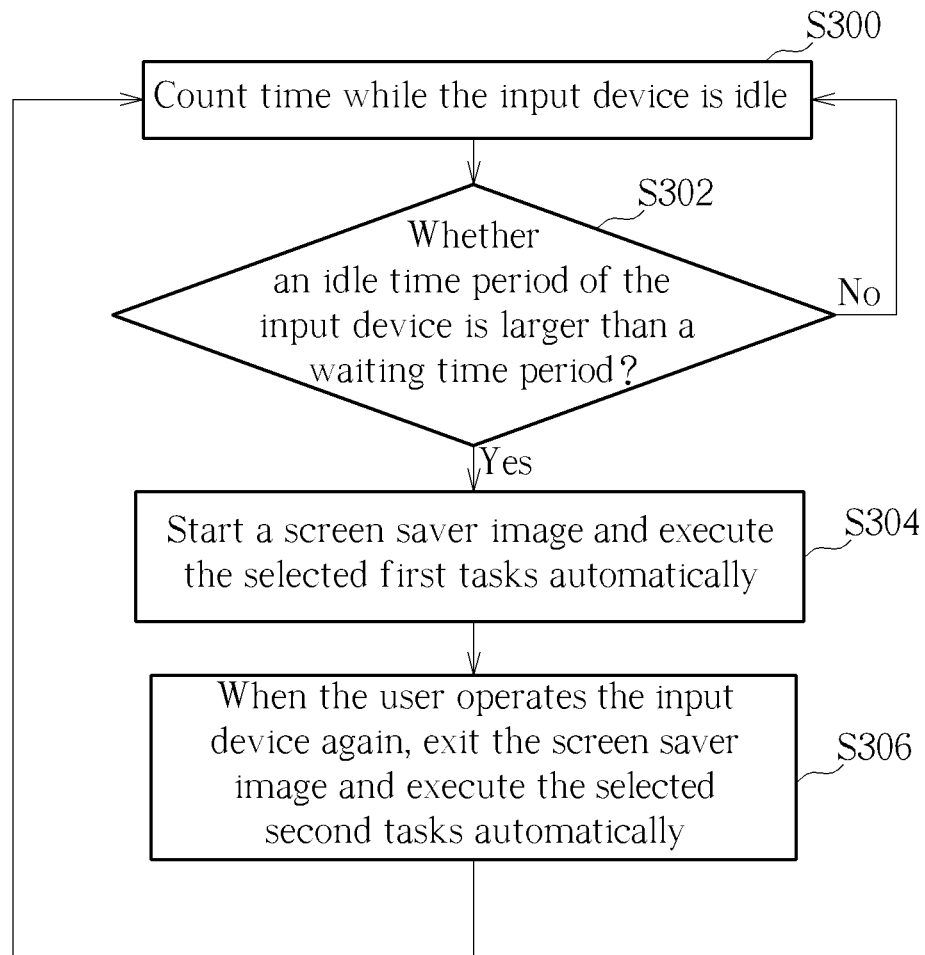


FIG. 8

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# **TASK EXECUTING METHOD AND TASK SETTING METHOD ADAPTED FOR SCREEN SAVER AND COMPUTER READABLE STORAGE MEDIUM**

## **BACKGROUND OF THE INVENTION**

### **1. Field of the Invention**

The invention relates to a task executing method and a task setting method and, more particularly, to a task executing method and a task setting method adapted for a screen saver.

### **2. Description of the Prior Art**

As technology advances and develops, various electronic devices including personal computer, notebook, flat computer, mobile phone, personal digital assistant and so on are getting more and more popular. When using the aforesaid electronic devices, lots of tasks are usually executed at the same time. Once the system load gets too huge, some tasks will lag and the temperature of the electronic device will increase. For example, if a user uses the aforesaid electronic devices to play a video while downloading files, synchronizing data, scanning virus and so on, the video will lag so that the user will be persecuted.

In general, the aforesaid electronic devices are always equipped with a screen saver. When an input device (e.g. keyboard, mouse, touch panel, etc.) is idle for a span of time, the screen saver will start to display a screen saver image in the screen, so as to reduce power consumption. If the tasks of downloading files, synchronizing data, scanning virus and so on can be executed while the screen saver image starts, the system load can be reduced effectively while the user is using the electronic devices accordingly.

## **SUMMARY OF THE INVENTION**

The invention provides a task executing method and a task setting method adapted for a screen saver and a computer readable storage medium, so as to solve the aforesaid problems.

According to the claimed invention, a task executing method adapted for a screen saver comprises steps of opening a screen saver setting window; displaying a task setting region in the screen saver setting window, wherein the task setting region comprises N first tasks and N is a positive integer; and if P of the N first tasks are selected, automatically executing the P first tasks while a screen saver image starts, wherein P is a positive integer smaller than or equal to N.

According to the claimed invention, the N first tasks comprises a self-defined task, the task executing method further comprises step of when the self-defined task is selected, displaying a first task selecting window, wherein the first task selecting window comprises a plurality of applications.

According to the claimed invention, the task executing method further comprises steps of after selecting the P first tasks, displaying a first task sorting window; sorting the P first tasks in the first task sorting window; and automatically executing the P first tasks after sorting while the screen saver image starts.

According to the claimed invention, the task executing method further comprises step of canceling or adding at least one first task in the first task sorting window.

According to the claimed invention, the task setting region further comprises M second tasks, M is a positive integer, the task executing method further comprises step of if Q of the M second tasks are selected, automatically executing the Q second tasks while the screen saver image exits, wherein Q is a positive integer smaller than or equal to M.

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According to the claimed invention, the M second tasks comprises a self-defined task, the task executing method further comprises step of when the self-defined task is selected, displaying a second task selecting window, wherein the second task selecting window comprises a plurality of applications.

According to the claimed invention, the task executing method further comprises steps of after selecting the Q second tasks, displaying a second task sorting window; sorting the Q second tasks in the second task sorting window; and automatically executing the Q second tasks after sorting while the screen saver image exits.

According to the claimed invention, the task executing method further comprises step of canceling or adding at least one second task in the second task sorting window.

According to the claimed invention, a task setting method adapted for a screen saver comprises steps of opening a screen saver setting window; displaying a task setting region in the screen saver setting window, wherein the task setting region comprises N first tasks, the N first tasks are capable of being automatically executed while a screen saver image starts, and N is a positive integer; selecting P of the N first tasks, wherein P is a positive integer smaller than or equal to N; displaying a first task sorting window; and sorting the P first tasks in the first task sorting window.

According to the claimed invention, the task setting method further comprises step of canceling or adding at least one first task in the first task sorting window.

According to the claimed invention, the N first tasks comprises a self-defined task, the task setting method further comprises steps of selecting the self-defined task; displaying a first task selecting window, wherein the first task selecting window comprises a plurality of applications; and selecting at least one application in the first task selecting window.

According to the claimed invention, the task setting region further comprises M second tasks, the M second tasks are capable of being automatically executed while the screen saver image exits, M is a positive integer, the task setting method further comprises steps of selecting Q of the M second tasks, wherein Q is a positive integer smaller than or equal to M; displaying a second task sorting window; and sorting the Q second tasks in the second task sorting window.

According to the claimed invention, the task setting method further comprises step of canceling or adding at least one second task in the second task sorting window.

According to the claimed invention, the M second tasks comprises a self-defined task, the task setting method further comprises steps of selecting the self-defined task; displaying a second task selecting window, wherein the second task selecting window comprises a plurality of applications; and selecting at least one application in the second task selecting window.

According to the claimed invention, a computer readable storage medium for storing a set of instructions, the set of instructions executes steps of when a screen saver setting window is opened, displaying a task setting region in the screen saver setting window, wherein the task setting region comprises N first tasks and N is a positive integer; and if P of the N first tasks are selected, automatically executing the P first tasks while a screen saver image starts, wherein P is a positive integer smaller than or equal to N.

According to the claimed invention, the N first tasks comprises a self-defined task, the set of instructions executes step of when the self-defined task is selected, displaying a first task selecting window, wherein the first task selecting window comprises a plurality of applications.

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According to the claimed invention, the set of instructions executes steps of after selecting the P first tasks, displaying a first task sorting window; allowing sorting the P first tasks in the first task sorting window; and automatically executing the P first tasks after sorting while the screen saver image starts.

According to the claimed invention, the set of instructions executes step of allowing canceling or adding at least one first task in the first task sorting window.

According to the claimed invention, the task setting region further comprises M second tasks, M is a positive integer, the set of instructions executes step of if Q of the M second tasks are selected, automatically executing the Q second tasks while the screen saver image exits, wherein Q is a positive integer smaller than or equal to M.

According to the claimed invention, the M second tasks comprises a self-defined task, the set of instructions executes step of when the self-defined task is selected, displaying a second task selecting window, wherein the second task selecting window comprises a plurality of applications.

According to the claimed invention, the set of instructions executing steps of after selecting the Q second tasks, displaying a second task sorting window; allowing sorting the Q second tasks in the second task sorting window; and automatically executing the Q second tasks after sorting while the screen saver image exits.

According to the claimed invention, the set of instructions executing step of allowing canceling or adding at least one second task in the second task sorting window.

As mentioned in the above, when the screen saver setting window is opened, the invention displays the first tasks (e.g., downloading files, synchronizing data, scanning virus, etc.), which can be automatically executed while the screen saver image starts, in the screen saver setting window for the user to select. Afterward, the invention will execute the selected first tasks automatically while the screen saver image starts. On the other hand, the invention stops the selected first tasks before the screen saver image starts or while the screen saver image exits. In other words, when the user is using the electronic device, the selected first tasks will not be executed. Accordingly, the system load can be reduced effectively while the user is using the electronic device. Furthermore, when the screen saver setting window is opened, the invention may further display the second tasks (e.g., opening web browser, opening video/audio player, opening real-time communication software, etc.), which can be automatically executed while the screen saver image exits, in the screen saver setting window for the user to select. Afterward, the invention will execute the selected second tasks automatically while the screen saver image exits. In other words, the selected second tasks will be executed automatically and rapidly while the screen saver image exits, so that the user needs not to execute each of the second tasks manually. Accordingly, the system efficiency can be improved effectively.

These and other objectives of the present invention will no doubt become obvious to those of ordinary skill in the art after reading the following detailed description of the preferred embodiment that is illustrated in the various figures and drawings.

#### BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a flowchart illustrating a task setting method adapted for a screen saver and used for setting first tasks according to an embodiment of the invention.

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FIG. 2 is a flowchart illustrating a task setting method adapted for a screen saver and used for setting second tasks according to an embodiment of the invention.

FIG. 3 is a schematic diagram illustrating a screen saver setting window and a task setting region.

FIG. 4 is a schematic diagram illustrating a first task selecting window.

FIG. 5 is a schematic diagram illustrating a first task sorting window.

FIG. 6 is a schematic diagram illustrating a second task selecting window.

FIG. 7 is a schematic diagram illustrating a second task sorting window.

FIG. 8 is a flowchart illustrating a task executing method adapted for a screen saver according to an embodiment of the invention.

#### DETAILED DESCRIPTION

Referring to FIGS. 1 to 7, FIG. 1 is a flowchart illustrating a task setting method adapted for a screen saver and used for setting first tasks according to an embodiment of the invention, FIG. 2 is a flowchart illustrating a task setting method adapted for a screen saver and used for setting second tasks according to an embodiment of the invention, FIG. 3 is a schematic diagram illustrating a screen saver setting window 10 and a task setting region 12, FIG. 4 is a schematic diagram illustrating a first task selecting window 14, FIG. 5 is a schematic diagram illustrating a first task sorting window 16, FIG. 6 is a schematic diagram illustrating a second task selecting window 18, and FIG. 7 is a schematic diagram illustrating a second task sorting window 20. The task setting method of the invention may be implemented in an application by software programming and the application can be applied to any electronic devices equipped with a screen saver, such as personal computer, notebook, flat computer, mobile phone, personal digital assistant and so on.

First of all, a user has to install the application of the invention into an electronic device equipped with a screen saver. After starting the application of the invention, the user can open a screen saver setting window 10 as shown in FIG. 3 (step S100 in FIG. 1). At this time, the application of the invention displays a task setting region 12 in the screen saver setting window 10 as shown in FIG. 3 (step S102 in FIG. 1), wherein the task setting region 12 comprises N first tasks 120, the N first tasks 120 are capable of being automatically executed while a screen saver image starts, and N is a positive integer. In this embodiment, the N first tasks 120 may comprise a self-defined task. There are four first tasks 120 shown in FIG. 3 (i.e. N=4) for illustration purpose including downloading files, synchronizing data, scanning virus and self-defined task. However, the number and type of the first tasks 120 can be determined based on practical applications and are not limited to the embodiment shown in FIG. 3.

Furthermore, there is a rectangular frame in front of each first task 120 for the user to select. The user can operate an input device (e.g. keyboard, mouse, touch panel, etc.) to click any rectangular frame so as to select P of the N first tasks 120 (step S104 in FIG. 1), wherein P is a positive integer smaller than or equal to N. As shown in FIG. 3, three of the four first tasks 120 including downloading files, synchronizing data and self-defined task are selected (i.e. P=3). When the self-defined task is selected, the application of the invention will display a first task selecting window 14 as shown in FIG. 4 (step S106 in FIG. 1), wherein the first task selecting window 14 comprises a plurality of applications (e.g., updating system, backup system, compressing mail, etc.). Similarly, there

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is also a rectangular frame in front of each application in the first task selecting window **14** for the user to select. In other words, the user can operate the input device to click any rectangular frame so as to select at least one application in the first task selecting window **14** (step **S108** in FIG. **1**) and then increase the number and type of the aforesaid first tasks **120**. It should be noted that the number and type of the applications in the first task selecting window **14** can be determined based on practical applications and are not limited to the embodiment shown in FIG. **4**.

After selecting the needed applications, the user can click the OK button in the first task selecting window **14** so as to get back to the screen saver setting window **10** shown in FIG. **3**. Then, the user can click the OK button in the screen saver setting window **10** such that the application of the invention will display a first task sorting window **16** as shown in FIG. **5** (step **S110** in FIG. **1**). It should be noted that if the user does not select the self-defined task of the first tasks **120** in step **S104**, he/she can click the OK button in the screen saver setting window **10** directly and then the application of the invention will display the first task sorting window **16** as shown in FIG. **5**.

As shown in FIG. **5**, an upward arrow icon **160** and a downward arrow icon **162** in the first task sorting window **16** are used for sorting the selected first tasks **120**, a recycle bin icon **164** in the first task sorting window **16** is used for canceling the selected first tasks **120**, and a crisscross icon **166** in the first task sorting window **16** is used for adding at least one first task **120**. Accordingly, the user can click the upward arrow icon **160** to move anyone of the first tasks **120** upward or click the downward arrow icon **162** to move any one of the first tasks **120** downward, so as to sort each of the first tasks **120** in the first task sorting window **16** (step **S112** in FIG. **1**). When a screen saver image starts, the selected first tasks **120** will be executed automatically in an order from top to bottom. Furthermore, the user can click the recycle bin icon **164** to cancel at least one first task **120** in the first task sorting window **16** (step **S114** in FIG. **1**). Moreover, the user can click the crisscross icon **166** to add at least one first task **120** in the first task sorting window **16** (step **S116** in FIG. **1**). After finishing the aforesaid setting, the user can click the OK button to store the related setting in a memory of the electronic device (step **S118** in FIG. **1**).

When the user opens the screen saver setting window **10** as shown in FIG. **3** (step **S200** in FIG. **2**), the task setting region **12** in the screen saver setting window **10** may further comprise **M** second tasks **122**, the **M** second tasks **122** are capable of being automatically executed while a screen saver image exits, and **M** is a positive integer. In this embodiment, the **M** second tasks **122** may comprise a self-defined task. There are four second tasks **122** shown in FIG. **3** (i.e. **M**=4) for illustration purpose including opening web browser, opening video/audio player, opening real-time communication software and self-defined task. However, the number and type of the second tasks **122** can be determined based on practical applications and are not limited to the embodiment shown in FIG. **3**.

Furthermore, there is a rectangular frame in front of each second task **122** for the user to select. The user can operate an input device (e.g. keyboard, mouse, touch panel, etc.) to click any rectangular frame so as to select **Q** of the **M** second tasks **122** (step **S204** in FIG. **2**), wherein **Q** is a positive integer smaller than or equal to **M**. As shown in FIG. **3**, two of the four second tasks **122** including opening real-time communication software and self-defined task are selected (i.e. **Q**=2). When the self-defined task is selected, the application of the invention will display a second task selecting window **18** as

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shown in FIG. **6** (step **S206** in FIG. **2**), wherein the second task selecting window **18** comprises a plurality of applications (e.g. opening painter, opening mail, opening calculator, etc.). Similarly, there is also a rectangular frame in front of each application in the second task selecting window **18** for the user to select. In other words, the user can operate the input device to click any rectangular frame so as to select at least one application in the second task selecting window **18** (step **S208** in FIG. **2**) and then increase the number and type of the aforesaid second tasks **122**. It should be noted that the number and type of the applications in the second task selecting window **18** can be determined based on practical applications and are not limited to the embodiment shown in FIG. **6**.

After selecting the needed applications, the user can click the OK button in the second task selecting window **18** so as to get back to the screen saver setting window **10** shown in FIG. **3**. Then, the user can click the OK button in the screen saver setting window **10** such that the application of the invention will display a second task sorting window **20** as shown in FIG. **7** (step **S210** in FIG. **2**). It should be noted that if the user does not select the self-defined task of the second tasks **122** in step **S204**, he/she can click the OK button in the screen saver setting window **10** directly and then the application of the invention will display the second task sorting window **20** as shown in FIG. **7**.

As shown in FIG. **7**, an upward arrow icon **200** and a downward arrow icon **202** in the second task sorting window **20** are used for sorting the selected second tasks **122**, a recycle bin icon **204** in the second task sorting window **20** is used for canceling the selected second tasks **122**, and a crisscross icon **206** in the second task sorting window **20** is used for adding at least one second task **122**. Accordingly, the user can click the upward arrow icon **200** to move anyone of the second tasks **122** upward or click the downward arrow icon **202** to move any one of the second tasks **122** downward, so as to sort each of the second tasks **122** in the second task sorting window **20** (step **S212** in FIG. **2**). When a screen saver image exits, the selected second tasks **122** will be executed automatically in an order from top to bottom. Furthermore, the user can click the recycle bin icon **204** to cancel at least one second task **122** in the second task sorting window **20** (step **S214** in FIG. **2**). Moreover, the user can click the crisscross icon **206** to add at least one second task **122** in the second task sorting window **20** (step **S216** in FIG. **2**). After finishing the aforesaid setting, the user can click the OK button to store the related setting in a memory of the electronic device (step **S218** in FIG. **2**).

Referring to FIG. **8**, FIG. **8** is a flowchart illustrating a task executing method adapted for a screen saver according to an embodiment of the invention. The task executing method shown in FIG. **8** can be implemented with the task setting method shown in FIGS. **1** and **2**. After storing the related setting in the memory of the electronic device (step **S118** in FIG. **1** and step **S218** in FIG. **2**), a timer of the electronic device will start to count time while the input device is idle (step **S300** in FIG. **8**). Afterward, a processor of the electronic device will determine that whether an idle time period of the input device is larger than a waiting time period (step **S302** in FIG. **8**), wherein the waiting time period may be set by the user in the screen saver setting window **10** shown in FIG. **3**. If the idle time period of the input device is not larger than the waiting time period, go back to step **S300** and count time continuously. If the idle time period of the input device has been larger than the waiting time period, a screen saver image will start in the screen and the selected first tasks **120** will be automatically executed at the same time (step **S304** in FIG. **8**). For example, if the user selects the first tasks **120** of down-

loading files, synchronizing data and backup system according to the aforesaid task setting method, the selected first tasks **120** will be executed automatically while the screen saver image starts.

When the user operates the input device again, the screen saver image will exit from the screen and the selected second tasks **122** will be automatically executed at the same time (step **S306** in FIG. **8**). For example, if the user selects the second tasks **122** of opening real-time communication software and opening mail according to the aforesaid task setting method, the selected second tasks **122** will be executed automatically and the selected first tasks **120** will be stopped while the screen saver image exits. In other words, when the user is using the electronic device, the selected first tasks **120** will not be executed. Accordingly, the system load can be reduced effectively while the user is using the electronic device. Furthermore, when the screen saver image exits, the selected second tasks will be executed automatically and rapidly, so that the user needs not to execute each of the second tasks manually. Accordingly, the system efficiency can be improved effectively.

It should be noted that the control logic of the task setting methods shown in FIGS. **1** and **2** and the task executing method shown in FIG. **8** can be implemented by software. The software can be executed in any electronic devices equipped with a screen saver. Needless to say, each part or function of the control logic may be implemented by software, hardware or the combination thereof. Moreover, the control logic of the task setting methods shown in FIGS. **1** and **2** and the task executing method shown in FIG. **8** can be embodied by a computer readable storage medium, wherein the computer readable storage medium stores instructions, which can be executed by an electronic device so as to generate control command for executing corresponding function.

As mentioned in the above, when the screen saver setting window is opened, the invention displays the first tasks (e.g. downloading files, synchronizing data, scanning virus, etc.), which can be automatically executed while the screen saver image starts, in the screen saver setting window for the user to select. Afterward, the invention will execute the selected first tasks automatically while the screen saver image starts. On the other hand, the invention stops the selected first tasks before the screen saver image starts or while the screen saver image exits. In other words, when the user is using the electronic device, the selected first tasks will not be executed. Accordingly, the system load can be reduced effectively while the user is using the electronic device. Furthermore, when the screen saver setting window is opened, the invention may further display the second tasks (e.g. opening web browser, opening video/audio player, opening real-time communication software, etc.), which can be automatically executed while the screen saver image exits, in the screen saver setting window for the user to select. Afterward, the invention will execute the selected second tasks automatically while the screen saver image exits. In other words, the selected second tasks will be executed automatically and rapidly while the screen saver image exits, so that the user needs not to execute each of the second tasks manually. Accordingly, the system efficiency can be improved effectively.

Those skilled in the art will readily observe that numerous modifications and alterations of the device and method may be made while retaining the teachings of the invention. Accordingly, the above disclosure should be construed as limited only by the metes and bounds of the appended claims.

What is claimed is:

**1.** A task executing method adapted for a screen saver comprising steps of:

opening a screen saver setting window;

displaying a task setting region in the screen saver setting window, wherein the task setting region comprises N first tasks comprising a self-defined task, the N first tasks are tasks not involving any screen saver image, and N is a positive integer;

if P of the N first tasks are selected, automatically executing the P first tasks while a screen saver image starts, wherein P is a positive integer smaller than or equal to N; when the self-defined task is selected, displaying a first task selecting window, wherein the first task selecting window comprises a plurality of applications;

after selecting the P first tasks, displaying a first task sorting window;

sorting the P first tasks in the first task sorting window; and automatically executing the P first tasks after sorting while the screen saver image starts.

**2.** The task executing method of claim **1**, further comprising step of:

canceling or adding at least one first task in the first task sorting window.

**3.** The task executing method of claim **1**, wherein the task setting region further comprises M second tasks, M is a positive integer, the task executing method further comprises step of:

if Q of the M second tasks are selected, automatically executing the Q second tasks while the screen saver image exits, wherein Q is a positive integer smaller than or equal to M.

**4.** The task executing method of claim **3**, wherein the M second tasks comprises a self-defined task, the task executing method further comprises step of:

when the self-defined task is selected, displaying a second task selecting window, wherein the second task selecting window comprises a plurality of applications.

**5.** The task executing method of claim **3**, further comprising steps of:

after selecting the Q second tasks, displaying a second task sorting window;

sorting the Q second tasks in the second task sorting window; and

automatically executing the Q second tasks after sorting while the screen saver image exits.

**6.** The task executing method of claim **5**, further comprising step of:

canceling or adding at least one second task in the second task sorting window.

**7.** A task setting method adapted for a screen saver comprising steps of:

opening a screen saver setting window;

displaying a task setting region in the screen saver setting window, wherein the task setting region comprises N first tasks comprising a self-defined task, the N first tasks are tasks not involving any screen saver image capable of being automatically executed while a screen saver image starts, and N is a positive integer;

selecting P of the N first tasks, wherein P is a positive integer smaller than or equal to N,

selecting the self-defined task;

displaying a first task selecting window, wherein the first task selecting window comprises a plurality of applications;

displaying a first task sorting window;

sorting the P first tasks in the first task sorting window; and

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automatically executing the P first tasks after sorting while the screen saver image starts.

8. The task setting method of claim 7, further comprising step of:

canceling or adding at least one first task in the first task sorting window. 5

9. The task setting method of claim 7, wherein the N first tasks comprises a self-defined task, the task setting method further comprises:

selecting at least one application in the first task selecting window. 10

10. The task setting method of claim 7, wherein the task setting region further comprises M second tasks, the M second tasks are capable of being automatically executed while the screen saver image exits, M is a positive integer, the task setting method further comprises steps of: 15

selecting Q of the M second tasks, wherein Q is a positive integer smaller than or equal to M;

displaying a second task sorting window; and

sorting the Q second tasks in the second task sorting window. 20

11. The task setting method of claim 10, further comprising step of:

canceling or adding at least one second task in the second task sorting window. 25

12. The task setting method of claim 10, wherein the M second tasks comprises a self-defined task, the task setting method further comprises steps of:

selecting the self-defined task;

displaying a second task selecting window, wherein the second task selecting window comprises a plurality of applications; and 30

selecting at least one application in the second task selecting window.

13. A computer readable storage medium for storing a set of instructions, the set of instructions executing steps of: 35

when a screen saver setting window is opened, displaying a task setting region in the screen saver setting window, wherein the task setting region comprises N first tasks comprising a self-defined task, the N first tasks are tasks not involving any screen saver image, and N is a positive integer; and 40

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if P of the N first tasks are selected, automatically executing the P first tasks while a screen saver image starts, wherein P is a positive integer smaller than or equal to N; when the self-defined task is selected, displaying a first task selecting window, wherein the first task selecting window comprises a plurality of applications;

after selecting the P first tasks, displaying a first task sorting window;

sorting the P first tasks in the first task sorting window; and automatically executing the P first tasks after sorting while the screen saver image starts.

14. The computer readable storage medium of claim 13, the set of instructions executing step of:

allowing canceling or adding at least one first task in the first task sorting window.

15. The computer readable storage medium of claim 13, wherein the task setting region further comprises M second tasks, M is a positive integer, the set of instructions executes step of:

if Q of the M second tasks are selected, automatically executing the Q second tasks while the screen saver image exits, wherein Q is a positive integer smaller than or equal to M.

16. The computer readable storage medium of claim 15, wherein the M second tasks comprises a self-defined task, the set of instructions executes step of:

when the self-defined task is selected, displaying a second task selecting window, wherein the second task selecting window comprises a plurality of applications.

17. The computer readable storage medium of claim 15, the set of instructions executing steps of:

after selecting the Q second tasks, displaying a second task sorting window;

allowing sorting the Q second tasks in the second task sorting window; and

automatically executing the Q second tasks after sorting while the screen saver image exits.

18. The computer readable storage medium of claim 17, the set of instructions executing step of:

allowing canceling or adding at least one second task in the second task sorting window.

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